

## CLAIMS

What is claimed is:

1. A frame for a screen assembly comprising:

a rail and a stile transverse to the rail, the rail and stile each having a tubular portion and a flange portion extending from the tubular portion, the flange portions for receiving a screen;

a corner lock having first and second legs transverse to one another and respectively received by the rail and stile tubular portions; and

first and second interlocking features respectively securing the rail and stile to the first and second legs.

2. The frame according to claim 1, wherein the rail and stile each include opposing outer faces, the stile outer face and rail outer face on each side of the frame coplanar with one another providing a flush appearance where the rail and stile meets at the outer faces, the rail and stile each including peripheral faces adjoining the opposing outer faces and arranged opposite the flange portions.

3. The frame according to claim 2, wherein the rail includes an opening at an end portion with the second leg extending through the opening, the first leg includes an end that extends beyond the second leg with the end coplanar with the stile peripheral face

providing a flush appearance where the stile peripheral face meets the first leg end of the corner lock.

4. The frame according to claim 3, wherein the rail tubular portion includes an extension providing the opening, the extension extending beyond the rail flange portion and including corner edges engaging opposing grooves in the corner lock.

5. The frame according to claim 3, wherein the first leg includes a stop engaging the rail and locating the second leg relative to the rail, the stile flange portion received in a gap between the second leg and rail flange portion.

6. The frame according to claim 1, wherein a latch retainer cooperates with the first interlocking feature arranged in the first leg, the rail including a slot with the latch retainer extending through the slot and received by the first interlocking feature.

7. The frame according to claim 6, wherein a latch is supported by the rail, the latch rotatably received by the latch retainer in a closed position, the latch for use in securing the frame to a window frame in the closed position.

8. The frame according to claim 1, wherein a clip cooperates with the first interlocking feature arranged in the first leg, the rail including a slot with the clip

extending the slot and received by the first interlocking feature, a hook portion of the clip proximate to a peripheral face of the rail for securing the frame to a window frame.

9. The frame according to claim 1, wherein a protrusion in the stile cooperates with the second interlocking feature in the second leg, the second interlocking feature provided by a groove receiving the protrusion.

10. A frame member for a screen assembly comprising:

a tubular portion; and

a flange portion extending from the tubular portion and including a channel provided between the tubular portion and end for receiving a screen, the flange portion including a flange connected to the tubular portion by living hinge, the flange rotatable relative to and cooperating with a protrusion on the end in a closed position for retaining the screen in the channel.

11. The frame member according to claim 10, wherein the channel includes adhesive for bonding with the screen and retaining the screen in the channel.

12. The frame member according to claim 10, wherein the flange and living hinge are provided by an over-molded material arranged on the tubular portion.

13. A method of installing screens onto frames having opposing first frame members secured to opposing second frame members to provide a window screen assembly, the method comprising the steps of:

- a) securing a first screen to one of the first frame members of a first frame at in a first stage;
- b) transferring the first frame to a second stage and receiving a second frame at the first stage;
- c) simultaneously securing the first screen to the other first frame member and a second screen to one of the first frame members of the second frame;
- d) transferring the first frame to a third stage, the second frame to the second stage, and a third frame to the first stage; and
- e) simultaneously securing the first screen to the second frame members of the first frame.

14. The method according to claim 13, wherein steps b) and d) include adjusting for sizes of the frames.

15. The method according to claim 13, wherein step b) includes positioning the first screen relative to the first frame.

16. The method according to claim 13, wherein step c) includes moving a first truck transverse to a transfer direction of the frames.

17. The method according to claim 16, wherein step e) includes moving the first frame along the transfer direction relative to second spaced apart trucks.

18. The method according to claim 13, wherein steps a), c) and e) include securing a spline to the frame members.

19. The method according to claim 13, wherein steps a), c) and e) include deforming a portion of the frame members.

20. The method according to claim 13, wherein steps a), c) and e) include applying heat to adhesive on the frame members.

21. The method according to claim 13, wherein step e) includes simultaneously securing the second screen to the other second frame member of the second frame and the third screen to the first frame member of the third frame.